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At the ICM 2014, the International Mathematical Union set up a working group to pursue the development of the Global Digital Mathematics Library, extending the vision of the World Digital Mathematical Library which was endorsed by the IMU in 2006. A special session at the JMM 2016 on Mathematical Information in the Digital Age of Science assembled a broad variety of projects and approaches toward this aim. We give a report of the current status of the initiative, ongoing developments, and upcoming perspectives. (Received September 20, 2016)